

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Morteza Gharib Art Unit : 3737  
Serial No.: 10/615,884 Examiner : Runa Qaderi  
Filed : 7/8/2003 Conf. No.: 9837  
Title : Noninvasive Methods for Assessing Valvular and  
Ventricular Dysfunction

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL OF REVOCATION AND NEW POWER OF ATTORNEY

A Revocation and New Power of Attorney is attached in connection with the above-referenced application. Please update the attorney of record and address information accordingly.

Please apply any charges or credits to Deposit Account  
No. 06-1050.

Respectfully submitted,

Date: 11/21/01

Bing Ai  
Reg. No. 43,312

Fish & Richardson P.C.  
PTO Customer Number: 20985

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b), California Institute of Technology, certifies that it is the assignee of 100% of the right, title and interest in the twenty-six (26) patent applications listed in TABLE 1 by virtue of assignment. The assignments for the twenty-six (26) patent applications were recorded in the Patent and Trademark Office at Reel and Frame numbers provided in TABLE 1.

**TABLE 1****California Institute of Technology**

<b>Attorney Docket Number</b>	<b>Application Serial No.</b>	<b>Current Assignee Reel/Frame</b>
06618-345003	10/353,776	Recorded 10/28/1999, Reel/Frame 10339/0049
06618-406001	09/489,514	Recorded 07/03/2000, Reel/Frame 010943/0651
06618-406003	11/601,356	Recorded 04/12/2007, Reel/Frame 019163/0096
06618-437003	10/761,895	Recorded 06/26/2007, Reel/Frame 019482/0349
06618-881002	11/365,970	Recorded 05/03/2006, Reel/Frame 017711/0521
06618-912001	10/420,170	Recorded 04/21/2003, Reel/Frame 013992/0741
06618-915001	10/615,884	Recorded 07/11/2003, Reel/Frame 013992/0404
06618-921001	10/704,196	Recorded 10/11/2004, Reel/Frame 015239/0391
06618-922001	10/704,203	Recorded 07/20/2004, Reel/Frame 014879/0078
06618-945001	11/137,853	Recorded 08/26/2005, Reel/Frame 016672/0394

06618-946001	11/137,852	Recorded 08/26/2005, Reel/Frame 016672/0406
06618-948001	10/956,835	Recorded 06/14/2005, Reel/Frame 016335/0158
06618-949001	11/088,060	Recorded 06/20/2005, Reel/Frame 016368/0761
06618-952001	11/320,167	Recorded 05/17/2006, Reel/Frame 017642/0076
06618-953001	11/329,410	Recorded 09/20/2006, Reel/Frame 018276/0163
06618-955001	11/361,850	Recorded 05/04/2006, Reel/Frame 017583/0751
06618-960001	11/389,525	Recorded 05/04/2006, Reel/Frame 017583/0748
06618-965001	11/621,065	Recorded 05/23/2007, Reel/Frame 019338/0052
06618-967001	11/775,791	Recorded 09/04/2007, Reel/Frame 019778/0719
06816-005005	10/857,587	Recorded 08/28/2007, Reel/Frame 19755/0566
06816-005006	11/418,976	Recorded 11/9/2006, Reel/Frame 018514/0490
06816-023009	10/797,625	Recorded 08/15/2007, Reel/Frame 019700/0808
06816-023010	10/930,505	Recorded 08/15/2007, Reel/Frame 019700/0808
06816-023011	10/932,521	Recorded 08/15/2007, Reel/Frame 019700/0808
06816-023012	11/253,146	Recorded 08/15/2007, Reel/Frame 019700/0808
06816-044004	11/446,009	Recorded 11/24/1997, Reel/Frame 8821/0607

Per 37 C.F.R. § 10.18(b), the undersigned has reviewed all the documents in the chain of title of the patent applications listed in TABLE 1, or made an inquiry reasonable under the circumstances, and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the applications and appoints:

Scott Harris, Reg. No. 32,030 of the firm of:

The Law Office of Scott C Harris  
PO Box 1389  
3329 Cerros Redondos  
Rancho Santa Fe, Ca 92067  
email: harris@schiplaw.com  
phone: 858-756-7778  
fax: 858-756-7717

with full power of substitution and revocation, to prosecute the patent applications and to transact all business in the United States Patent and Trademark Office connected with the patent applications.

All correspondence regarding the patent applications should be sent to:

PTO Customer No: 74162

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may

jeopardize the validity of the applications or any patents issued thereon.

Respectfully submitted,

Date: October 22, 2007



By:

Title: **Adam Cochran**  
**The Intellectual Property Counsel**

California Institute of Technology  
1200 East California Boulevard  
Pasadena, CA 91125